

What is claimed is:

1. An apparatus for preventing a reverse rotation of a scroll compressor including a casing, a fixed-scroll installed inside the casing, a orbiting scroll meshed with the fixed scroll and defining a compression unit therewith, a
5 rotational shaft having a shaft portion coupled with a driving unit and an eccentric portion integrally formed to be eccentric from the center of one end of the shaft portion and a slide bush having a inserting hole therein and interposed between the eccentric portion of the rotational shaft and the orbiting scroll,

wherein said apparatus comprises:

10 the eccentric portion of the rotational shaft having two outer planes formed at an outer surface thereof, and a sloping plane extended from one of the two outer planes, the sloping plane sloping on the basis of a reference line connecting the axis of the shaft portion of the rotational shaft and that of the eccentric portion thereof; and

15 the slide bush having two inner planes formed at an inner surface of the inserting hole thereof for confronting with the planes formed at an outer surface of the eccentric portion of the rotational shaft, and a sloping plane slopingly extended from one of the two inner planes on the basis of the reference line.

20 2. The apparatus of claim 1, wherein the outer plane, one of the two outer planes of the eccentric portion of the rotational shaft, from which the sloping plane is not extended, is formed toward a rotating direction of compressing a fluid on the basis of the reference line.

25 3. The apparatus of claim 1, wherein the outer plane, one of the two

outer planes of the eccentric portion of the rotational shaft, from which the sloping plane is extended, is formed toward a direction opposite to the rotating direction of compressing a fluid on the basis of the reference line.

5. The apparatus of claim 1, wherein one of the two inner planes of the slide bush, from which the sloping surface is not extended, is formed toward a rotating direction of compressing a fluid on the basis of the reference line.

10. The apparatus of claim 1, wherein one of the two inner planes of the slide bush, from which the sloping surface is extended, is formed toward a direction opposite to the rotating direction of compressing a fluid on the basis of the reference line.

15. The apparatus of claim 1, wherein the sloping surface of the eccentric portion is formed to be adjacent to an outer circumference of the shaft portion of the rotational shaft.

20. The apparatus of claim 1, wherein the sloping surface of the slide bush is formed to be adjacent to an outer circumference of the shaft portion of the rotational shaft.

25. The apparatus of claim 1, wherein, in rotating in a forward direction of compressing a fluid, the outer plane from which the sloping plane of the eccentric portion is not extended and the inner plane from which the sloping plane of the slide bush is not extended, are in contact with each other, and thus,

become a operating surfaces, through which the rotational force generated from the driving unit is transmitted to the orbiting scroll; and in rotating in a direction opposite to the direction of compressing a fluid, the sloping plane of the eccentric portion and the sloping plane of the slide bush are in contact with each other, and

5 become a operating surfaces, through which said rotational force is transmitted to the orbiting scroll.

9. The apparatus of claim 8, wherein an angle between the operating surfaces in the reverse rotation and the reference line is greater than an angle
10 between the operating surfaces in the forward rotation and the reference line by a predetermined value.

10. The apparatus of claim 9, wherein the angle between the reference line and the operating surfaces in the reverse rotation is between 45 and
15 90 degrees.